

AMENDMENTS TO THE CLAIMS

Claims 1-3 (Canceled)

Claim 4 (Currently Amended) An AV decoder control method for controlling an AV decoder included in an AV decoding/playback apparatus which decodes and plays back a bit stream including MPEG video data and audio data, said method controlling the AV decoder so that it performs a trick play by continuously displaying I pictures of the MPEG video data:

wherein a plurality of bit streams having a predetermined bit length and positioned at arbitrary intervals are separately and sequentially input to the AV decoder and decoded, and I pictures included in these bit streams are continuously displayed while sequentially updating the I pictures;

~~The AV decoder control method of Claim 1 wherein:~~

——it is decided whether display of I pictures in a bit stream of the predetermined bit length by the AV decoder has been completed or not; and

when the display of I pictures has been completed, a next bit stream of the predetermined bit length, which follows the bit stream for which display of I pictures has ended, is input to the AV decoder.

Claim 5 (Currently Amended) An AV decoder control method for controlling an AV decoder included in an AV decoding/playback apparatus which decodes and plays back a bit stream including MPEG video data and audio data, said method controlling the AV decoder so that it performs a trick play by continuously displaying I pictures of the MPEG video data:

wherein a plurality of bit streams having a predetermined bit length and positioned at arbitrary intervals are separately and sequentially input to the AV decoder and decoded, and I pictures included in these bit streams are continuously displayed while sequentially updating the I pictures;

~~The AV decoder control method of Claim 1 wherein:~~

a plurality of bit streams which are obtained by dividing each of the bit streams having the predetermined bit length; are sequentially input to the AV decoder at predetermined intervals;

every time one divided bit stream is input to the AV decoder, it is decided whether display of I pictures by the AV decoder has been completed or not;

when display of I pictures has not been completed yet, a next divided bit stream within the same bit stream is input to the AV decoder; and

when display of I pictures has been completed, a next bit stream of the predetermined bit length, which follows the bit stream for which display of I pictures has ended, is input to the AV decoder.

Claim 6 (Currently Amended) An AV decoder control method for controlling an AV decoder included in an AV decoding/playback apparatus which decodes and plays back a bit stream including MPEG video data and audio data, said method controlling the AV decoder so that it performs a trick play by continuously displaying I pictures of the MPEG video data:

wherein a plurality of bit streams having a predetermined bit length and positioned at arbitrary intervals are separately and sequentially input to the AV decoder and decoded, and I pictures included in these bit streams are continuously displayed while sequentially updating the I pictures; and

~~The AV decoder control method of Claim 1 wherein an optimum bit length of the bit streams having the predetermined bit length is obtained from repetition of inputting these bit stream to the AV decoder, and the bit length is optimized using this result.~~

Claims 7-9 (Canceled)

Claim 10 (Currently Amended) An AV decoder control apparatus for controlling an AV decoder included in an AV decoding/playback apparatus which decodes and plays back a bit stream including MPEG video data and audio data, said apparatus controlling the AV decoder so that it performs a trick play by continuously displaying I pictures of the video data, said apparatus comprising:

means for controlling the AV decoder so that the AV decoder decodes a plurality of bit streams having a predetermined bit length and positioned at arbitrary intervals, which are separately

and sequentially input to the AV decoder, and continuously displays I pictures included in these bit streams while sequentially updating the I pictures;

~~The AV decoder control apparatus of Claim 7 further comprising~~ means for deciding whether display of I pictures in a bit stream of the predetermined bit length by the AV decoder has been completed or not,; and

——when display of I pictures has been completed, said means inputting, to the AV decoder, a next bit stream of the predetermined bit length that follows the bit stream for which display of I pictures has ended.

Claim 11 (Currently Amended) An AV decoder control apparatus for controlling an AV decoder included in an AV decoding/playback apparatus which decodes and plays back a bit stream including MPEG video data and audio data, said apparatus controlling the AV decoder so that it performs a trick play by continuously displaying I pictures of the video data, said apparatus comprising:

means for controlling the AV decoder so that the AV decoder decodes a plurality of bit streams having a predetermined bit length and positioned at arbitrary intervals, which are separately and sequentially input to the AV decoder, and continuously displays I pictures included in these bit streams while sequentially updating the I pictures;

~~The AV decoder control apparatus of Claim 7 further comprising~~ means for sequentially inputting a plurality of bit streams which are obtained by dividing each of the bit streams having the predetermined bit length; to the AV decoder at predetermined intervals, and for deciding whether display of I pictures by the AV decoder has been completed or not every time one divided bit stream is input,;

——when display of I pictures has not been completed, said means inputting a next divided bit stream within the same bit stream to the AV decoder,; and

——when display of I pictures has been completed, said means inputting, to the AV decoder, a next bit stream of the predetermined bit length that follows the bit stream for which display of I pictures has ended.

Claim 12 (Currently Amended) An AV decoder control apparatus for controlling an AV decoder included in an AV decoding/playback apparatus which decodes and plays back a bit stream including MPEG video data and audio data, said apparatus controlling the AV decoder so that it performs a trick play by continuously displaying I pictures of the video data, said apparatus comprising:

means for controlling the AV decoder so that the AV decoder decodes a plurality of bit streams having a predetermined bit length and positioned at arbitrary intervals, which are separately and sequentially input to the AV decoder, and continuously displays I pictures included in these bit streams while sequentially updating the I pictures; and

~~The AV decoder control apparatus of Claim 7 further comprising~~ means for obtaining an optimum bit length of the bit streams having the predetermined bit length; from repetition of inputting these bit stream to the AV decoder, and for optimizing the bit length by using this result.